EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|-------|--|---|---------------------|---------|---------------------|
| S1 | 33 | colloidal with metal with porous with substrate | US-PGPUB; USPAT | OR | ON | 2007/09/06 16:09 |
| S 2 | 5065 | colloidal with metal with solution | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 16:10 |
| S3 | 181 | S2 and film and (porous with substrate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 16:31 |
| S4 | 4257 | metal adj (colloid\$2 or sol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 16:34 |
| S5 | 0 | S4 and (conductive adj film) and (porous adj substrate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 16:32 |
| S 6 | 8 | S4 and (conductive adj film) and (porous with substrate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 16:32 |
| S 7 | 226 | S4 and (porous with substrate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 16:34 |
| S 8 | 48674 | porous with substrate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:57 |

| S9 | 218 | S8 and (colloid\$3 adj | US-PGPUB; | OR | ON | 2007/09/08 |
|-----|-------|--|---|----|----|---------------------|
| | 0 | metal) | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 16:57 |
| S10 | 58 | S9 and (conduct\$3 with (film or layer)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:58 |
| S11 | 14039 | porous adj substrate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:57 |
| S12 | 56 | S11 and (colloid\$3 adj metal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:57 |
| S13 | 10 | S12 and (conduct\$3 with (film or layer)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:58 |
| S14 | 250 | (organic with semiconductor) and (porous with electrode) | USPAT | OR | ON | 2007/09/08 17:33 |
| S15 | 26 | (organic with semiconductor) and (porous adj electrode) | USPAT | OR | ON | 2007/09/08 17:33 |
| S16 | 5960 | metal with colloid | US-PGPUB; USPAT | OR | ON | 2008/02/04 15:02 |
| S17 | 55 | S16 and (metal with core) and (organic with shell) | US-PGPUB; USPAT | OR | ON | 2008/02/04 15:03 |
| S18 | 1 | S17 and (drying with remov\$3 with organic) | US-PGPUB; USPAT | OR | ON | 2008/02/04 15:04 |
| S19 | 1 | S17 and (dry\$3 with remov\$3 with organic) | US-PGPUB; USPAT | OR | ON | 2008/02/04 15:05 |
| S20 | 49 | S17 and dry\$3 | US-PGPUB; USPAT | OR | ON | 2008/02/04 15:10 |

| S21 | 651 | (metal\$4 with colloid) and (organic with (solvent or substance)) and (dry\$3 with (air or infrared)) | US-PGPUB; USPAT | OR | ON | 2008/06/11 12:33 |
|-------------|------|---|---|----|-----|---------------------|
| S22 | 141 | S21 and (electrical\$5 with conductive) | US-PGPUB; USPAT | OR | ON | 2008/06/11 12:37 |
| S23 | 3752 | metal with colloid | USPAT | OR | ON | 2008/12/24 16:38 |
| S24 | 1 | ("7398365").PN. | USPAT | OR | OFF | 2008/12/27 16:43 |
| S25 | 1 | ("7348365").PN. | USPAT | OR | OFF | 2008/12/27 16:44 |
| S26 | 4 | ("4629709" "5431967" "5560960" "5912069").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/27 16:55 |
| S27 | 53 | Nakatani.1N. and colloid \$3 | US-PGPUB; USPAT | OR | ON | 2008/12/27 16:57 |
| S28 | 44 | \$27 and metal | US-PGPUB; USPAT | OR | ON | 2008/12/27 16:57 |
| S 29 | 627 | metal with colloid\$3 with ink | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/27 17:07 |
| S30 | 63 | metal with colloid\$3 with stabilization | USPAT | OR | ON | 2008/12/27 17:40 |
| S31 | 135 | metal with colloid\$3 with ink | USPAT | OR | ON | 2008/12/28 16:59 |
| S32 | 64 | S31 and (polymer with coat\$3) | USPAT | OR | ON | 2008/12/28 17:01 |
| S33 | 1 | "4116910".PN. | USPAT; USOCR | OR | OFF | 2008/12/29 10:53 |
| S34 | 1 | ("6730400").PN. | USPAT; USOCR | OR | OFF | 2008/12/30 11:57 |
| S35 | 6474 | 438/584,597.598.ccls. or 257/E21.011,E21.161, E21.168,E21.585.ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 16:08 |
| S36 | 749 | 438/584,597.598.ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 16:09 |
| S37 | 2354 | 438/584,597,598.ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 16:09 |
| S38 | 5784 | 257/E21.011,E21.161, E21.168,E21.585.ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 16:47 |
| S 39 | 2033 | 257/E21.011,E21.161. ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 16:48 |

| S40 | 3919 | 257/E21.168,E21.585. ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 17:35 |
|-----|------|-------------------------------|--------------------|----|----|---------------------|
| S41 | 748 | 257/E21.168.ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 17:35 |
| S42 | 3225 | 257/E21.585.ccls. | US-PGPUB; USPAT | OR | ON | 2009/09/20 17:49 |

EAST Search History (Interference)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|--------------------------|------------------|---------|------------------|
| L1 | 0 | ((conduct\$3 or metal \$3 or ohmic) and (colloid or nano) and (porous or cellular or spongy) and shell and core and (substrate or workpiece) and dry \$3).CLM. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/21 11:54 |
| L2 | 48 | ((conduct\$3 or metal \$3 or ohmic) and (colloid or nano) and (porous or cellular or spongy) and (substrate or workpiece) and dry \$3).CLM. | US-PGPUB; USPAT; UPAD | OR | | 2009/09/21 11:56 |
| L3 | 1 | ((conduct\$3 or metal \$3 or ohmic) and (colloid or nano) and (porous or cellular or spongy) and spin \$coat\$3 and (substrate or workpiece) and dry \$3).CLM. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/21 11:57 |

9/21/2009 11:59:17 AM

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